

J. Brusca

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Page 1 of 8

JAN 08 2002

1631

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/690,454

DATE: 01/03/2002

TIME: 16:41:18

Input Set : N:\Crif3\RULE60\09690454.txt

Output Set: N:\CRF3\01032002\I690454.raw

#5  
Plunkett  
1-11-02

1 <110> APPLICANT: Steven M. Ruben, et al.  
3 <120> TITLE OF INVENTION: 32 Human Secreted Proteins  
5 <130> FILE REFERENCE: PZ006P1  
7 <140> CURRENT APPLICATION NUMBER: 09/690,454  
8 <141> CURRENT FILING DATE: 2000-10-18  
10 <150> PRIOR APPLICATION NUMBER: 09/189,144  
11 <151> PRIOR FILING DATE: 1998-11-10  
13 <150> PRIOR APPLICATION NUMBER: 60/044,039  
W--> 14 <151> PRIOR FILING DATE: May 30, 1997  
16 <150> PRIOR APPLICATION NUMBER: 60/048,093  
W--> 17 <151> PRIOR FILING DATE: May 30, 1997  
19 <150> PRIOR APPLICATION NUMBER: 60/048,190  
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22 <150> PRIOR APPLICATION NUMBER: 60/050,935  
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25 <150> PRIOR APPLICATION NUMBER: 60/048,101  
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28 <150> PRIOR APPLICATION NUMBER: 60/048,356  
W--> 29 <151> PRIOR FILING DATE: May 30, 1997  
31 <150> PRIOR APPLICATION NUMBER: 60/056,250  
W--> 32 <151> PRIOR FILING DATE: August 29, 1997  
34 <150> PRIOR APPLICATION NUMBER: 60/056,296  
W--> 35 <151> PRIOR FILING DATE: August 29, 1997  
37 <150> PRIOR APPLICATION NUMBER: 60/056,293  
W--> 38 <151> PRIOR FILING DATE: August 29, 1997  
40 <160> NUMBER OF SEQ ID NOS: 229  
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47 <212> TYPE: DNA  
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52 aattcgaggg tgcaccgtca gtcttctct tcccccaaaa acccaaggac accctcatga 120  
53 tctcccgga tcttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180  
54 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240  
55 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300  
56 ggctgaatgg caaggagtac aagtgcgaag tctccaacaa agccctccca acccccatcg 360  
57 agaaaacat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420  
58 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480  
59 atccaagcga catgcctgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540  
60 ccacgcctcc cgtgctggac tccgacggct ccttcttct ctacagcaag ctaccgtgg 600  
61 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggtctg 660  
62 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720  
63 gactctagag gat 733  
66 <210> SEQ ID NO: 2  
67 <211> LENGTH: 5

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Input Set : N:\Crf3\RULE60\09690454.txt

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72 <221> NAME/KEY: Site
73 <222> LOCATION: (3)
74 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
76 <400> SEQUENCE: 2
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78 1 5
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81 <211> LENGTH: 86
82 <212> TYPE: DNA
83 <213> ORGANISM: Homo sapiens
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87 cccgaaatat ctgccatctc aattag 86
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91 <211> LENGTH: 27
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
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101 <212> TYPE: DNA
102 <213> ORGANISM: Homo sapiens
104 <400> SEQUENCE: 5
105 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60
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107 gccccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat 180
108 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
109 ttttgagggc ctaggctttt gcaaaaagct t 271
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113 <211> LENGTH: 32
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117 <400> SEQUENCE: 6
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121 <210> SEQ ID NO: 7
122 <211> LENGTH: 31
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126 <400> SEQUENCE: 7
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131 <211> LENGTH: 12
132 <212> TYPE: DNA
133 <213> ORGANISM: Homo sapiens
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Input Set : N:\Crif3\RULE60\09690454.txt

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139 <210> SEQ ID NO: 9
140 <211> LENGTH: 73
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142 <213> ORGANISM: Homo sapiens
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146 ccattctcaat tag 73
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 256
151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 10
155 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct 60
156 caattagtag gcaaccatag tccgcgccct aactccgccc atccgcgcc taactccgcc 120
157 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180
158 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240
159 cttttgcaaa aagctt 256
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163 <211> LENGTH: 1169
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <220> FEATURE:
168 <221> NAME/KEY: SITE
169 <222> LOCATION: (1151)
170 <223> OTHER INFORMATION: n equals a,t,g, or c
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173 <221> NAME/KEY: SITE
174 <222> LOCATION: (1160)
175 <223> OTHER INFORMATION: n equals a,t,g, or c
177 <220> FEATURE:
178 <221> NAME/KEY: SITE
179 <222> LOCATION: (1168)
180 <223> OTHER INFORMATION: n equals a,t,g, or c
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184 gaggggttcg ggggttcttg gcaggcacia tggcgctctg agcaggcccg cgagcgcccg 120
185 rcaccgacgc agcgagcttt cagcaccggg agcgcgctgc catgcactac cagatgagtg 180
186 tgaccctcaa gtatgaaatc aagaagctga tctacgtaca tctggtcata tggctgctgc 240
187 tgggtgctaa gatgagcgtg ggacacctga ggctcttgct acatgatcag gtggccatgc 300
188 cctatcagtg ggaatacccg tatttgctga gcattttgcc ctctctcttg ggccttctct 360
189 cctttccccc caacaacatt agctacctgg tgctctccat gatcagcatg ggactctttt 420
190 ccacgcctcc actcatttat ggcagcatgg agatgttccc tgctgcacag cttctaccg 480
191 ccatggcaag gcctaccgtt tctcttttg ttttctgccc gtttccatca tgtacctggt 540
192 gttggtgttg gcagtgcagg tgcatgcctg gcagttgtac tacagcaaga agctcctaga 600
193 ctcttggttc accagcacac aggagaagaa gcataaatga agcctctttg ggggtgaagcc 660
194 tggacatccc atcgaatgaa aggacactag tacagcggtt ccaaaatccc ttctggtgat 720
195 tttagcagct gtgatgttg tacctggtgc agaccagggc caaagttctg gaaagctcct 780
196 tttgccatct gctgaggtgg caaaactata atttattcct ggttggttag aactgggtga 840

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197 ccaacagcta tgaacaaat ttcagctgtt tgaagttgaa ctttgagggtt tttctttaag      900
198 aatgagcttc gtccttgctt ctactcgggc attctcccca ttcccatcca ttaccctta      960
199 gccattgaga ctaaaggaaa tagggaataa atcaaattac ttcattctcta ggtaacgggt      1020
200 caggaaacat ttgggcagct gctcccttgg cagctgtggt ctctcttgca aagcatttta      1080
201 attaaaaacc tcaataaaga tgccctgccc acaaaaaaaaa aaaaaaaaaa aattcggggg      1140
W--> 202 ggggccccggg naaccaattn gccctana      1169
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207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 12
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212 gagtggagtg tccgctgtgc cggggcctgc accatgagcg tcccgccctt catcgacatc      120
213 agtgaagaag atcagctgctc tgagcttcgt gcttatctga aatctaaagg agctgagatt      180
214 tcagaagaga actcggaaagg tggacttcac gttgatttag ctcaaattat tgaagcctgt      240
215 gatgtgtgtc tgaaggagga tgataaagat gttgaaagtg tgatgaacag tgtggtatcc      300
216 ctactcttga tcttggaacc agacaagcaa gaagctttga ttgaaagcct atgtgaaaag      360
217 ctggtcaaat ttcgcgaagg tgaacgcccc tctctgagac tgcagttggt aagcaacctt      420
218 ttccacggga tggataagaa tactctgtga agatacacag tgtattgcag cttattataa      480
219 gtggcagcat cttgtggggc catccagtac atcccaactg agctggatca agttagaaaa      540
220 tggatttctg actggaatct caccactgaa aaaaagcaca cctttttaag actactttat      600
221 gaggcacttg tggattgtaa gaagagtgat gctgcttcaa aagtcattgtt ggaattgctc      660
222 ggaagttaca cagaggacaa tgcttcccag gctcgagttg atgccacag gtgtattgta      720
223 cgagcattga aagatccaaa tgcatttctt ttgaccacc ttcttacttt aaaaccagtc      780
224 aagtttttgg aaggcgagct tattcatgat cttttaacca tttttgtgag tgctaaattg      840
225 gcatcatatg tcaagtttta tcagaataat aaagacttca ttgattcact tggcctgtta      900
226 catgaacaga atatggcaaa aatgagacta cttactttta tgggaatggc agtagaaaat      960
227 aaggaaattt cttttgacac aatgcagcaa gaacttcaga ttggagctga tgatgttgaa      1020
228 gcatttgtaa ttgacgccgt aagaactaaa atggtctact gcaaaattga tcagaccag      1080
229 agaaaagtag ttgtcagtca tagcacacat cggacatttg gaaaacagca gtggcaacaa      1140
230 ctgtatgaca cacttaatgc ctggaaacaa aatctgaaca aagtgaaaaa cagccttttg      1200
231 agtctttctg atacctgagt ttttatgctt ataatttttg ttctttgaaa aaaaagccct      1260
232 aaatcatagt aaaacattat aaactaaaaa aaaaaaaaaa aaaaaaaaaa      1310
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236 <211> LENGTH: 1139
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <220> FEATURE:
241 <221> NAME/KEY: SITE
242 <222> LOCATION: (7)
243 <223> OTHER INFORMATION: n equals a,t,g, or c
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246 <221> NAME/KEY: SITE
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251 <221> NAME/KEY: SITE
252 <222> LOCATION: (968)
253 <223> OTHER INFORMATION: n equals a,t,g, or c

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255 &lt;220&gt; FEATURE:

256 &lt;221&gt; NAME/KEY: SITE

257 &lt;222&gt; LOCATION: (1139)

258 &lt;223&gt; OTHER INFORMATION: n equals a,t,g, or c

260 &lt;400&gt; SEQUENCE: 13

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      262 ccctcgagcg gtgccggagc gcasccaggt gtgcttgtgc ctgggccagc tggagaggtc      120
W--> 263 cattgcctgg gangaagtct gtcaacaaag tgacatgtct agtctgccgg aagggtgaca      180
      264 atgatgagtt tcttctgctt tgtgatgggt gtraccgtgg ctgccacatt tactgccatc      240
      265 gtcccaagat ggaggctgtc ccagaaggag attggttctg tactgtctgt ttggctcagc      300
      266 aggtggaggg agaattcact cagaagcctg gtttcccaaa gcgtggccag aagcggaaaa      360
      267 gtggttattc gctgaacttc tcagagggtg atggccgcgg acgccgggta ctggtgaggg      420
      268 gccgagaaaag cccagcagca gggcctcggg actcgaaga agggctctcc ccctccaagc      480
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      271 tgagtgggta ccggcgcctc atcaaaaatc ctatggattt ttccaccatg cgggagcggc      660
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      273 acaactgcca gactttcaac gaggatgact ctgaagtagg caaggctggg cacatcatgc      780
      274 gccgtttctt cgagagccgc tgggaggagt tttatcaggg aaaacaggcc aatctgtgag      840
      275 gcaagggagg tggggagtca ccttgtggca tctcccccca ccttccaaac aaaaacctgc      900
      276 cattttcacc tgctgatgct gccctgggtc cagactcaag tcagatacaa cctgatttt      960
W--> 277 tgaccttncc cttggcagtg ccccacatcc tcttattcct acatcccttt ctcccttccc      1020
      278 tcctcttgct cctcaagtaa gaggtgcaga gatgaggtcc ttctggacta aaagccaaaa      1080
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284 &lt;212&gt; TYPE: DNA

285 &lt;213&gt; ORGANISM: Homo sapiens

287 &lt;400&gt; SEQUENCE: 14

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288 gttccggggg atgccagctc acttctcgga cagcgcccg actgaggcct gctaccacat      60
289 gctgagccgg cccagccgc caccgaccc cctcctgtc cagcgtctgc caaggcccg      120
290 ctccctgtca gacaagacc agctccacag caggtggtg gactcgtcgc ggtgtctcat      180
291 gcagcagggc atcaaggccg gggacgcact ctggctgcgc ttcaagtact acagcttctt      240
292 cgatttggtat cccaagacag acccctgctg ctgtacacag ctgtatgagc aggccgggtg      300
293 ggacctgctg ctggaggaga ttgactgcac cgaggaggag atgatggtgt ttgcgcctt      360
294 gcagtaccac atcaacaagc tgtcccagag cggggagggt ggggagccgg ctggcacaga      420
295 cccagggctg gacgacctgg atgtggccct gagcaacctg gaggtgaagc tggaggggtc      480
296 ggcgcccaca gatgtgctgg acagcctcac caccatccca gagctcaagg accatctccg      540
297 aatctttcgg ccccggaagc tgaccctgaa gggctaccgc caacactggg tgggtttcaa      600
298 ggagaccaca ctgtcctact acaagagcca ggacgaggcc cctggggacc ccattcagca      660
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300 cattaaactc ctagtgcctt cccctgaggg catgagttag atctacctgc ggtgccagga      780
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304 caaccctac ggctcgttg cccccgttt ccagcgaaag ttcaaggcca agcagctcac      1020
305 cccacggatc ctggaagccc accagaatgt ggcccagttg tcgctggcag aggccagct      1080
306 gcgcttcac caggcctggc agtccctgcc cgacttcggc atctcctatg tcatggctag      1140
307 gttcaagggc agcaggaaa agcagatcct gggcatcgcc aacaaccgac tgatccgcat      1200

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## VERIFICATION SUMMARY

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Input Set : N:\CrF3\RULE60\09690454.txt

Output Set: N:\CRF3\01032002\I690454.raw

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L:23 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:26 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:29 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:32 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:35 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:38 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
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L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
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L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
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L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
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L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47

## VERIFICATION SUMMARY

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Input Set : N:\Crif3\RULE60\09690454.txt

Output Set: N:\CRF3\01032002\I690454.raw

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L:1758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52  
L:1823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
L:1868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
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L:1886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
L:1972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55